BRUHATH BANGALORE MAHANAGARA PALIKE

modified Estimate for **Dasarahalli Zone**

Name of Work:Improvements to drain at 6th & 7th Main of Ramaiah Layout (Around Park opp Pavagada Co.Op Bnak) in Bagalagunte in Ward No: 14

Ward No. 14					Est. Cost		2500000.00	
Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
1	2	3	4	5	6	7	8	9
1	KSRRB300-1 Earthwork excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (Page No.142..,I.No.19.1 of KPWD S.R 2016-17)							
	Ramaiah Layout							
	0-251	1	251.00	1.20	1.00	301.20		
						301.20	**203.78**	**61378.54**
							Per Cum	
2	KSRB 4-1.3 Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (Page No:12, I.No:4.3 of KPWD S.R.2016-17)							
	Ramaiah Layout							
	0-251	1	251.00	1.20	0.15	45.18		
						45.18	**5159.02**	**233085.00**
							Per Cum	
3	KSRRB M2200-5.9. Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 upto 5 m height ((Page No:223, I.No:28.7.9 of KPWD S.R.2016-17)							
	Ramaiah Layout							
	0-251							
	Bottom Slab	1	251.00	0.90	0.150	33.89		
	Side Slab	2	251.00	0.15	0.900	67.77		
						101.66	**6965.26**	**708054.00**
							Per Cum	

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
4	KSRRB M2200-6. Supplying, fitting and placing TMT bar reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 (Page No:17, I.No:28.8.2 of KPWD S.R.2016-17)							
	Ramaiah Layout							
	10mm dia bars@c 100mmc/c(U Shape)	1	2510.00	2.55	0.620	3968.31		
	10mm dia bars@c 100mmc/c(Staright bars)	1	25.00	251.00	0.620	3890.50		
						7858.81	Kgs	
						7.86	**66482.14**	**522471.00**
							Per Tonne	
5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2							
	Ramaiah Layout							
	0-251							
	Side Wall	4	251.00		0.900	903.60		
						903.60	**310.58**	**280640.09**
							Per Sqm	
6	Providing and laying pre cast drain cover slab of 100mm thickness in CM1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc., as per directions of the Engineer-in-charge (Data Rate Sheet Enclosed)							
	Ramaiah Layout							
	0-251							
		1	251.00		0.900	225.90		
						225.90	**1957.00**	**442086.30**
						Per Sqm		
						SubTotal		**2247714.92**
7	Add 11% KRIDL Charges							247248.64
8	Miscelleneous & other unforseen charges					LS		5036.43
						GRAND TOTAL Rs.		**2500000.00**

CERTIFICATE

1 The work spot have been inspected by me and work is found to be necessary.
2 This estimate is prepared as per CSR of 2016-17
3 This work is not split up
4 The provisions were made in this estimate are adequete and essential
5 This works comes under BBMP Limits

Asst.Engineer
Ward No.14
B.B.M.P

Asst.Executive Engineer
Dasarahalli Sub Division
B.B.M.P.

Executive Engineer
EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-560057

ನಂ. CE/TC/167/17-18 ದಿನಾಂಕ : 26.03.2018

ರೂ. Twenty five Lakhs

Rs. ~~25-00~~ Lakhs

ಗಳ ಅಂಚೆಚೀಟಿ ಪೆಸ್ಟಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಿ.

ತಾಂತ್ರಿಕ ಸಹಾಯಕರು

ಮುಖ್ಯ ಅಭಿಯಂತರ

ಪಾಸರವಕ್ಕ ಮಂಡಳಿ, ಬೆಂಗ